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Boston 16, Mass.

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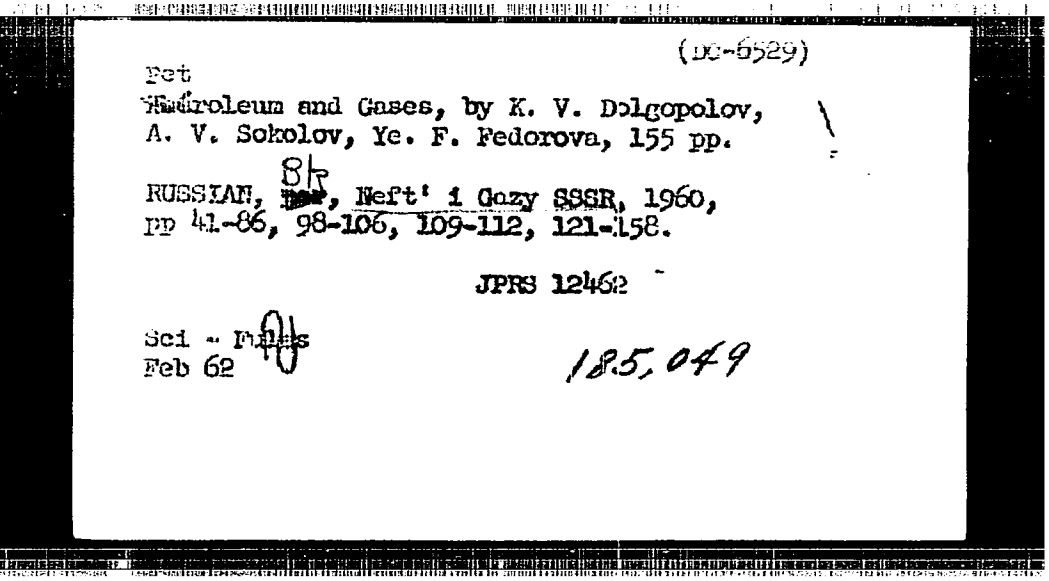

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Paushkin, Ya. M. and Yuzvyak, A. G.
PRODUCTION OF VINYLCYCLOHEXANE AND OF STYRENE FROM BUTADIENE. [1963] 8p 10refs
Order from OTS, SLA, or ETC $1.10 TT-64-14456

Trans. of Neftekhimiya (USSR) 1961, v. 1 [no. 1] p. 60-64. (Abstract available)

DESCRIPTORS: *Butadienes, Polymerization, *Cyclohexenes, Hydrogenation, Dehydrogenation, *Cyclohexanes, *Styrenes, Synthesis (Chemistry).

The process of butadiene polymerization was studied in flow-reactor under atmospheric pressure on different catalysts (phosphoric acid on Kieselguhr, chromia-alumina) and packings (active carbon, glass) at different space velocity and temperature. Optimum conditions of vinylcyclohexene formation were found on the carbon packing: temperature 400 C, space velocity 12 hour^{-1}, (Chemistry--Organic, TT, v. 11, no. 7) (over)

TT-64-14456

1. Title: Vinyl cyclohexane
I. Paushkin, Ya. M.
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JPRS 11452

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Kamzolkin, V. V., Bashkirov, A. N., and Lodzik, S. A.
COMPOSITION OF THE ALCOHOLS PRODUCED BY DIRECT OXIDATION OF PARAFFIN HYDROCARBONS UNDER INDUSTRIAL CONDITIONS. [1963] [12p] 6refs
Order from OTS or SLA $1.60 63-20215

Trans. of Neftekhimiya (USSR) 1961, v. 1 [no. 2] p. 260-266.

DESCRIPTORS: *Hydrocarbons, Oxidation, *Alcohols, Acetates, Glycols, Separation, Chromatographic analysis, Ketones, Industrial research.

It was shown, that alcohols and their acetates can be separated from glycols and their acetates by the method of chromatography on silica-gel. Application of the method to the investigation or composition of the industrial alcohols, industrially produced by direct oxida-
(Engineering--Chemical, TT, v. 10, no. 11) (over)

63-20215

I. Kamzolkin, V. V.
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JPRS 13033

Sci - Misc
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Aspects of the Combined Action of Air (molecular oxygen) and of Organic Sulphur, Phosphorous and Chlorine Compounds as Additives to Petroleum Oils of different Viscosities, by M G. V. Vinogradov. 16pp.

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Berezin, I. V. Bykovchenko, V. G., and Meluzova, G. B.

INVESTIGATION ON THE KINETICS AND MECHANISM OF LIQUID-PHASE CYCLODODECANE OXIDATION BY MOLECULAR OXYGEN. I. QUANTITATIVE ANALYSIS OF CYCLODODECANOL AND CYCLODODECANONE IN THE OXIDATION PRODUCTS MIXTURE BY MEANS OF THEIR INFRARED ABSORPTION SP SPECTRA. [1963] 8p 11refs

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Trans. of Neftekhimiya (USSR) 1961, v. 1 [no. 4] p. 535-540. (Abstract available)

DESCRIPTORS: *Cycloalkanes, Oxidation, Alcohols, Ketones, Quantitative analysis, *Infrared spectroscopy, Absorption spectrum.

(Chemistry--Analytical, TT, v. 11, no. 7) (over)

TT-64-14457

1. Title: Cyclododecane
2. Title: Cyclododecanol
3. Title: Cyclododecanone
I. Berezin, I. V.
II. Bykovchenko, V. G.
III. Meluzova, G. B.
IV. Title: Quantitative ...

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Thermal Alkylation of Methylcyclohexane With Olefins Under Pressure, by N. M. Nazarova, L. Kh. Freydlin, et al, 11 pp.

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UP 617 XXX618. 9667803

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